

ANTICIPA EVERY VOICE EVERY WARNING EVERY RESPONDER

They see the threat first. **ANTICIPA** hears it first

VISION

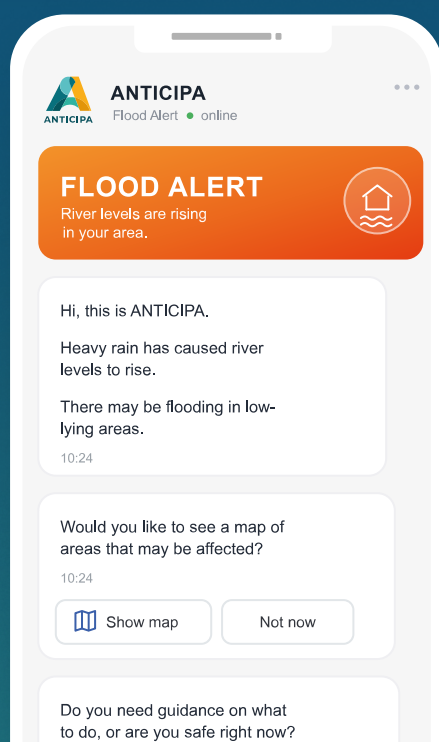
A future where every community has a voice in its own resilience, and every responder has the knowledge to act. ANTICIPA fuses global data with local wisdom, enabling two-way conversations between communities and responders, and turning complex information into simple, actionable products through everyday messaging apps.

Traditional aid and development systems often fail because critical data stays **fragmented** and the people closest to the risk are the last to be heard.

ANTICIPA pulls together a wide range of structured and unstructured data, from open APIs and satellite feeds to institutional databases, and community inputs, into a single intelligence layer. Its modular architecture can be readapted across humanitarian and development needs, from flood early warning to public health, food security, or service delivery.



Through natural language and everyday messaging apps, ANTICIPA turns complex data into clear decisions, placing timely insights directly in the hands of responders and communities.



826
million people

According to World Bank (2026) live below the poverty line

239
million people

According to UNOCHA, globally require humanitarian assistance and protection.

Selected for the Generative AI Accelerator 2025

3iS was proudly selected as a recipient of the Generative AI Accelerator with Google.org's support, recognizing our innovative approach to building AI-driven solutions for resilient communities.

with support from
Google.org

UNDERLYING TECHNOLOGY

01 DATA FUSION

- API Integration (climate, food security, protection etc.)
- Local sensors
- Satellite imagery processing

DATA INTELLIGENCE

- Community reports
- Technical protocols
- Context
- Local culture

ADVANCED NLP

- Understands voice and text in natural language
- Dialects
- Local slang

FROM QUESTION, TO ANTICIPATORY ACTION — IN SECONDS

Every conversation passes through four stages. Beneath each stage is the technology doing the work — orchestrated as one system on **Google Cloud**.

Someone reaches out 1

A person sends a question (text or voice) in their own language, on a channel they already use every day.



WhatsApp

Conversations on the channel people already use every day.



Telegram

Secure messaging with bot support for richer replies.



Web app

A browser-based front door.

ANTICIPA listens 2

AI agents interpret the message, figure out what is really being asked, and decide what to look up.



Mastra

Orchestrates a team of AI agents that reason together — each an expert at a different task.



Gemini

Google's large language model — reads the question in plain language.

It connects the dots 3

Agents cross-reference live signals from satellites, maps, climate, and humanitarian data to find a meaningful answer.



Vertex AI

Runs custom predictive models trained on ANTICIPA's domain data.



Google Earth Engine

Live satellite imagery and global geospatial datasets.



BigQuery

Searches and analyzes huge datasets in seconds.



Memgraph

A knowledge graph linking people, places, hazards and events.

It answers back 4

AI agents interpret the message, figure out what is really being asked, and decide what to look up.



Cloud Run

Ships the reply on demand and at any scale.



WhatsApp / Telegram

The answer comes back through the same window the question came in.